



NTP
National Toxicology Program

Director's Report to the NTP Board of Scientific Counselors

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Allow me to introduce myself... and my vision for the NIEHS and the NTP

- Health and Environment is a priority for the new Administration
- Environment is a global issue
- We need the best individual and team science to address complex diseases and complex environmental impacts
- We need to improve integration across research disciplines
- We need to improve our translation of basic science into human health and the public health
- The NTP is a leader worldwide in toxicology research and testing and we must sustain and strengthen that role



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**For more than 30 years, the NTP has provided the scientific information needed by others to make sound decisions to safeguard the public health.
I am committed to sustaining and strengthening its leadership role.**



NTP is moving forward, exploring new approaches for toxicology:

- High throughput screening for targeting key cellular pathways, molecular events, or processes linked to disease or injury
- Non-mammalian model systems
- Host susceptibility models for understanding the genetic basis for sensitivity to effects of toxic substances



NTP studies involve team science:

- Bringing together ***diverse disciplines*** to address ***complex diseases*** and ***complex environmental impact***
- NTP is actively involved in training our future scientists
 - Postdoctoral training programs in
 - o Toxicology
 - o Carcinogenesis
 - o Pathology
 - o Laboratory Animal Medicine



Director's Actions in Past Month

- Committed to restoring close interactions with Bethesda, extramural communities, and our interagency partners
- Decided to open the NIEHS Clinical Research Unit
 - No invasive procedures/inhalation exposures
 - Outside advisory panel
- Opened gates between the NIEHS and the EPA
- Initiated facility sharing with EPA
- Initiated continuous shuttle between NIEHS main campus and satellite facility
- Top leadership position - OPEN! - national searches
 - Deputy Director, Scientific Director, Director of the Division of Extramural Research and Training, and Clinical Director
 - Ethics and diversity/education



Appropriations: FY2009 Marks

	FY 2008 Enacted (Includes Supplement)	FY 2009 President's Budget	FY 2009 House Subcommittee	FY 2009 Senate Subcommittee
NIH	\$ 29,379,524,000	\$ 29,229,524,000	\$ 30,379,524,000	\$ 30,254,524,000
Common fund	\$ 498,244,000	\$ 533,877,000	\$ 544,146,000	\$ 568,119,000
NIEHS	\$ 645,669,000	\$ 642,875,000	\$ 664,980,000	\$ 660,767,000
Superfund	\$ 77,546,000	\$ 77,546,000	\$ 78,074,000	
Training (DOE)	\$ 9,909,000	\$0	\$ 10,000,000	
NIEHS TOTAL	\$ 733,124,000		\$ 753,054,000	



The American Recovery and Reinvestment Act of 2009

- **\$10B for NIH over 2 years**
 - \$1B for extramural facility construction and renovation
 - \$300M for shared instrumentation
 - \$8.2B for research
 - \$7.4B goes to the Institutes/Centers
 - \$800M stays in the Office of the Director
 - \$500M for buildings and facilities including new construction
- **Comparative Effectiveness Research - \$400M pass-through to NIH**
 - Compares effectiveness of one treatment/intervention to another treatment/intervention for the same disease



NIH Economic Recovery Funds

- Expeditious, merit-based process for maximum economic, health, and science benefits
 - 2 years of funding
 - Maximize flexibility within the stimulus guidelines
- Approaches for NIH funding
 - Proportional to each NIH Institute: \$7.4B
 - 2 year R01 Funding –
 - Scientifically appropriate
 - Already reviewed, highly meritorious
 - New R01s
 - Supplements to Current Grants
- Challenge Grants – centrally funded ~\$200M
 - Address defined health and science problems



Breast Cancer and Environment Research Act

- Passed October 2008
- Establishes the Interagency Breast Cancer and Environmental Research Coordinating Committee (by April 8, 2009)
 - 7 Federal officials, 6 scientists or physicians, 6 advocates
 - Coordinate information on existing research activities
 - Make recommendations for new research
 - Develop a comprehensive strategy
- Authorizes (but does not appropriate) \$40M to carry out research to evaluate environmental and genomic factors that may be related to the etiology of breast cancer



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Questions and Discussion

